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Modified PTO/SB/21 (08-00)
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/815,413
	Filing Date	April 1, 2004
	First Named Inventor	Hui JIN
	Group Art Unit	2631
	Examiner Name	Not yet assigned
Total Number of Pages in This Submission		Attorney Docket Number Flarion-78APP2 (103)

ENCLOSURES <i>(check all that apply)</i>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Postcard Receipt <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> References CA-CN
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Michael P. Straub (Reg. No. 36,941)
Signature	<i>Michael P. Straub</i>
Date	January 18, 2005

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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Attorney Docket No.: **Flarion-78APP2 (103)**

Applicant: **Hui JIN et al.**

Serial No.: **10/815,413**

Filing Date: **April 1, 2004**

Title: **EXTRACTING SOFT INFORMATION IN A BLOCK-COHERENT
COMMUNICATION SYSTEM**

Examiner: **Not yet assigned**

Group Art Unit: **2631**

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
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S I R:

Information Disclosure Statement Transmittal

The applicants respectfully request that the references listed on the attached PTO/SB/08A be considered in the examination of the above-identified application. A copy of each of these references, except for U.S. patents and patent application publications is enclosed. (See the notice, "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003," Pre-OG Notices (July 11, 2003).)

The applicants reserve the right to establish that any of the references listed on the attached PTO/SB/08A are not prior art to the above-captioned application.

Since a first Office Action on the merits has not yet been received, the applicants assume that this Information Disclosure Statement should be considered under 37 C.F.R. §§ 1.97(b)(3). **Accordingly, it is believed that no fee is due.** If, however, an Office Action on the merits has been mailed before the filing date of this Information Disclosure Statement, the Office is authorized to charge any fee required to have the Information Disclosure Statement considered to the deposit account of Straub & Pokotylo, deposit account number 50-1049.

Respectfully submitted,

Dated: January 18, 2005

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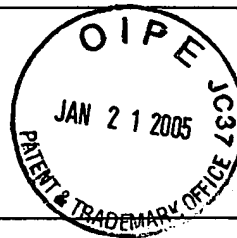
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Michael P. Straub
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Reg. No.

(modified PTO/SB/08A)

U.S. Department of Commerce Patent and Trademark Office		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number: 10/815,413	
		Filing Date: April 1, 2004	
		First Named Inventor: Hui Jin	
		Group Art Unit: 2631 Not yet assigned	
Examiner Name: Not yet assigned		Attorney Docket No.: Flarion-78APP2 (103)	
Sheet	1	of	2



U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines where relevant Passages or Figures appear
	AA	3,542,756	Nov 24 1970	Gallager	
	AB	3,665,396	May 23 1972	Forney, Jr	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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		Examiner Name:	Not yet assigned
Sheet	2	of	2
		Attorney Docket No.:	Flarion-78APP2 (103)

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, country, where published, source	T ²
	CA	PCT International Search Report dated August 2, 2004, for International Appln. No. PCT/US2004/010187, which was filed on April 2, 2004.	
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	CC	Paranchych et al. Performance of a digital symbol synchronizer in cochannel interference and noise, IEEE Transactions on Communications, pages: 1945-1954; Nov. 2000, whole document.	
	CD	NN77112415. Digital Encoding of Wide Range Dynamic Analog Signals, IBM Tech. Disclosure Bulletin, November 1, 1997, VOL. No. 20; ISSUE No. 6; Pages 2415-2417, whole document	
	CE	NN9210335. Hierarchical Coded Modulation of Data with Fast Decaying Probability Distributions, IBM Tech. Disclosure Bulletin, October 1992, VOL. No. 35; ISSUE No. 5; Pages 335-336, whole document.	
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	CI	T. Richardson, A. Shokrollahi, R. Urbanke, "Design of Capacity-Approaching Irregular Low-Density Parity-Check Codes", pp. 1-43 (March 2001).	
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	CN	W. W. Peterson and E.J. Weldon, Jr., "Error-Correcting Codes", Second Edition, The Massachusetts Institute of Technology, pp212-213,261-263, 263, (1986)	

Examiner Signature		Date Considered	
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